

SEQ ID NO: 1

GTCTGAAGGACCTGAGGCATTTGTGACGAGGATCGTCTCAGGTCAAGGGAGGGAGGAGACTTATAGACCTATCCAGTCT  
TCAAGGTGCTCCAGAAAGCAGGAGTTAAGACCTGGGTGAGGGACACATACATCCTAAAAGCACACAGCAGAGGAGG  
CCCAGGCAGTGCCAGGAGTCAGGTTCCCAGAACAGACAACCCCCTAGGAAGACAGGGCAGCTGTGAGGCCCTAGAGCAC  
ACCTTAAGAGAAGAAGAGCTGAAGCCGGCTTGTCAAGAGCCATCATGGGGGACAAGGATATGCCTACTGCTGGGATGC  
CGAGTCTCTCCAGAGTTCTGAGAGTCCTCAGAGTTCTGAGGGGGAGGACTCCCAGTCTCAGAGTCGTTGAGGGGGAGGACTCCTCGGA  
CAGAGTTCTCTGAGAGCAGACACCCTGTATCCTCTCCAGAGTCCTCAGAGTCGTTGAGGGGGAGGACTCCTCGGA  
TCCTCTCCAGAGACCTCTGAGGGGGAGGACTCCCAGTCTCCTCCAGATCCCCAGAGTTCTCTGAGGGGGAGGACTCCTCGGA  
CCCAGTCTCTCTCCAGAATTCTCAGAGTTCTCTGAGGGGGAGGACTCCCAGTCTCCTCTAGAGATTCTCAGAGCCCT  
CCTGAGGGTGAAGGATGTCCAGTCTCTCTGAGAATCCTCGAGTTCTCTCTGCTTATTGAGTATTCCA  
GAGTTCCCTGAGAGTATTCAAAGTCCTTGAGGGTTTCCCCAGTCTGTTCTCAGATTCTGTGAGCGCCCTCCT  
CCTCCACTTAGTGAAGTATTCCAGAGTTCCCTGAGAGTACTCAAAGTCCTTGAGGGTTTCCCCAGTCTC  
CAGATTCTGTGAGCCGCTCTCTCCACTTATTGAGTATTCCAGAGTTCCCTGAGAGAAGTCAGAGAACTTC  
TGAGGGTTTGACACAGTCTCTCTCCAGATTCTGTGAGCTCTCCACTTACTGAGTCTTCCAGATCTGTGAGCCGCTCTCTC  
CCCCTGAGAGAACTCAGAGTACTTTGAGGGTTTCCCCAGTCTCAGAGAAGTCAGAGTACTTTGAGGGTTTCCCCAGTCTCTC  
ACTTATTGAGTATTCCAGAGTTCTCTCCACTTACTGAGTATTCCAGAGTTCTGTGAGAGAAGTCAGAGTACTTTGAGG  
TCTGTGAGCCCTCTCTCCACTTACTGAGCTCTCTCCACTTATTGAGTCTTCCAGATCTGTGAGCCGCTCTCTC  
GTTTCCCCAGTCTCTCTCCAGATTCTGTGAGCTCTCTCCACTTACTGAGTATTCCAGAGTTCTGTGAGAGAAGTCAGAGTACTTTGAGG  
GAGAGAACTCAGAGTACTTTGAGGGTTTCCCCAGTCTCAGAGAAGTCAGAGTACTTTGAGGGTTTCCCCAGTCTCTC  
ACTGAGTCTTCCAGAGTTCCCTGAGTGTACTCAAAGTACTTTGAGGGTTTCCCCAGTCTCTCAGAGGCTCTC  
TGACCTCTCTCTCTCTACTTATTGAGTATTACAGAGTTCTCTGAGAGTGTCTCAAAGTGTCTTCCAGAGTTT  
GCCAGTCTCTCTCCAGATTCTGTGAGCTCTCTCCACTTACTGAGCTCTCTCCACTTATTGAGTCTTCCAGAGTTCC  
AACTCACAGTACTTTGAGGGTTTCCCCAGTCTCAGAGAAGTCACAGTACTTTGAGGGTTTCCCCAGTCTCTC  
TGAGTCTTCCAGAGTTCCCTGAGTGTACTCAAAGTACTTTGAGGGTTTCCCCAGTCTCTCAGAGGCTCTC  
AGTCCTCTGAAGGGGAGAATACCCATTCTCCTCTCCAGATTGTTCAAGTCTCTGAGTGGGAGGACTCC  
TCACTACTTCTCAGAGCCCTCTCAGGGGGAGGACTCCATGTCCTCTACTTCTCAGAGTCTCTCAGGGGGAGGA  
AGGACTCCCTGTCCTCACTACTTCTCAGAGCCCTCAGGGGGAGGACTCCCTGTCCTCTCAGAGTCTCTC  
CCTCCTCAGGGGGAGGACTCCATGTCCTCTACTTCTCAGAGTCTCTCAGGGGGAGGAATTCCAGTCTCTC  
CCAGAGCCCTGTGAGCATCTGTCCTCTCCACTCCATCCAGTCTCTCAGAGGCTCTGAGGGGGATGCA  
CTGAGGGGCTGTCCAGTCTCTCTCCATAGTCTCAGAGCCCTCTGAGGGGGATGCACTCCAACTCTC  
CCTGAGAGTGCTCTGAGGGGGAGGATTCCCTGTCCTCTCCAAATTCTCAGAGTCTCTGAGGGGGAGGACTCC  
GTCTCTCTCCATTTCCTCAGAGTCTCTCTGAGTGGGAGGACTCCCTCTCTCTCCACTTCTCAGTTCTC  
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CTCTGAGAGTCTCAGAGTCCTCTGAGGGGGCTGTCAGTCTCTCTCCAGAGACACTGTCA  
CACTTACGAGTCTCTGAGGGGGAGGACTCCCTCTGAGGGGGCTGTCAGTCTCTCTCCAGTCTCTCT  
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CTTCTCTGATCTCAGGAAAGGCCGTGAGTTCATAGAGATACTTTGGCATTTCTCAGAGAGAAGTGGACCC  
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CTCCTGATTCTATTCTGAGTATCATCTCATAAAGGGACCTATGCCCTGAGGGAGGCTCATCTGGGATGTGCTGAGTGG  
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ATTACCTAGAGTACCGGGAGGTGCCAACTCTCTCCTCTGAGAATTCTCCTCTGAGGGG  
GTCATTAAGAGGAAAGTAGAGTTGGCCATGCTAAAGAATACCGTCCCTATTACCTTCC  
TGCTTGAAGAGATGTGAAAGAGAGGCCAGGCCATAATTGACACACAGATGATTGACTCC  
CCAGTGTGATGTCCTCTGAGTGAAGTCTAGGGCAGATTCTCTCTGAGTTGAAGGGGGAGTC  
GTTTCTACGTGGTGGAGGGCTGGTTGAGGCTGGAGAGAACACAGTGTCTATTGCA  
GGGGTTACCTGTTTACTTTGGGTTTTCTCAAATGCTTCTCTCTGAGGTTAA  
GTTTATGCACATGAGTCGACATGTATTGCTGTTCTGGTTAAAGAGTAACAGTTG  
ACACCCAAACACACCACATTGGGAAACCTCTGCCCCATTTGCTGAGGCT  
ATTTCTGAAACTGTGAAGGAACCTGCAGTTAAATAGTGAATAAAGTA  
GTCCTTAGTCTGTTCTGAAAACATAACCTGGTTGCTTGCTACGTAAGAAAGTC  
ACTGTAATAAAATAAAAGTGTCAAGAAAA

SEQ ID NO. 2

MGDKDMPTAGMPSLLQSSSESPQSCPEGEDSQSPLQIPQSSPESDDTLYPLQSPQRSEGEDSSDPLQRPEGKDSQSPL  
GIPQSSPEGDDTQSPLQNSQSSPEGKDSLSPLEISQSPPEGEDVQSPQLQNPASSFFSALLSIFQSSPESIQSPFEGFPQ  
SVLQIPVSAASSSTLVSIFQSSPESTQSPFEGFPQSPQLQIPVSRFSSTLLSIFQSSPERSQRTSEGFAQSPLQIPVSSS  
SSSTLLSLFQSSPERTQSTFEGFPQSPQLQIPVSRFSSTLLSIFQSSPERTQSTFEGFAQSPLQIPVSPSFSSSTLVSIFQ  
SSPERTQSTFEGFPQSPQLQIPVSSSFSSSTLLSLFQSSPERTQSTFEGFPQSPQLQIPGSPSFSSSTLLSLFQSSPERTHSTF  
EGFPQSPQLQIPMTSSFSSTLLSILQSSPESAQSAFEFGFPQSPQLQIPVSSFSYTLLSLFQSSPERTHSTFEGFPQSPQLQI  
PVSSSSSSSTLLSLFQSSPECTQSTFEGFPQSPQLQIPQSPPEGENTHSPLQIVPSLPEWEDSLSPHYFPQSPPQGEDSLS  
PHYFPQSPPQGEDSLSPHYFPQSPQGEDSLSPHYFPQSPQGEDSMSPLYFPQSPQLQGEFQSSLQSPVSISSSTPSSL  
PQSFPESSQSPPEGPVQSPQLHSPQSPPEGMHSQSPQLQSPESAPEGEDSLSPLQIPQSPLEGEDSLSLHFHQSPPEWEDS  
LSPFHFPQFPPQGEDFQSSLQSPVSISSSTSLSLPQSFESPQSPPEGPAQSPQLQRPVSSFSYTLASLLQSSHESPQS  
PPEGPAQSPQLQSPVSSFPSSTSSLSQSSPVSSFPSSTSSLSKSSPESPLQSPVVISFSSSTSLSPFSEESSSPVDEYTS  
SSDTLLESDSLTDSESLIESEPLFTYTLDEKVDELARFLKKYQVKQPITKAEMLTNVISRYTGYFPVIFRKAREFIEIL  
FGISLREVDPDDSYVFVNTLDLTSEGCLSDEQGMSQNRLLILISIIFIKGTYASEEVIWDVLSGIGVRAGREHFAFGEPE  
RELLTKVVVQEHYLEYREVPNSSPPRYEFLWGPRAHSEVIKRKVVEFLAMLKNTVITFPSSYKDALKDVEERAQAIIDT  
DDSTATESASSSVMSPSFSSE.

KOC gene (from GenBank) (SEQ ID NO: 4)

GTGGGATGCCGTTGGGTAGCTAGGCCTTCTTTAAACACATCTGACAAGGAAACACAGCCTCGGATCTGATTTCACTC  
CTGGTCTTCTGCTGCTTGTTAAGGAGAGACGAGGGAAACACCAGCTGGATCCATCCATCACGGGGGGTT  
TAATTTCTGTTTCTCGTIAAATTTAALCAACACTCTCACAACTGATATGGAAACCTTCAGCGAGAACCCGGCTCGGA  
CCTAGAAAGGTATCTCAAGGACGCCAAGATCCCCTGCTGGTAAGACTGCTACCGGTTCGGACTCCCCGACGAG3AGCTGGCC  
CTCAAGGCCATCGAGGCCCTTCAGGAAATAGAACTGCACGGAAACCATAGAAGTTCAGCACTCGGTCCAAAAGGCCAACGATTGGAACCTC  
AGATAACGAAATATCCCCTCATTTACAGTGGGAGGTCTGGATAGTTACTAGTCCAGTTGGAGTGGAGAGCTGACACTGACTC  
GTAGCCTATAATCCCTGATGAAATGGCCCAACCCCTGAGCAGCAAGCAACTAGACAAACTGAAATTCACCTGAA  
CTCCAGGATCCGTATCCAAGCAGAAACCATGTTGATTTGGCTCTGCGCTGCTGGTCCCACCCAAATTGTTGGAGCCATCATGGAAAGAGGTGCCAC  
CATTCGGAACATCACCAAACAGACCCAGTCTAAATCGATGTCACCGTAAGAAATGGGGCTGAGAAGTCGATTAATCCTCTACTCT  
GAAGGCACCTCTGGGCTGTAAGTCTATCTGGAGATATGCATAGGAAGGCTCAAGATAAAATTCACAGAGAGATCCCTGAGATTAGCTC  
ATAATAACTTGTGGACGCTTATTGTAAGAAGGAAATCTTAAAGGAAATCTTAAAGGAAATGAGCAAGACAGACACTAAATCAGGATCT  
ATTGACCGCTGATAATCCAGAACGCCACTTACAGTAAAGGCAATGAGACAGATGAGGAGATTCAGGATTTAGCTC  
TATGAAATGATATTGCTCTATGAACTCTCAAGCACATTAATCTGGATTAATCTGAAACGCCCTGGCTCTTCCACCACTCAGGATGCCAC  
CTCCCACCTCAGGGCCCTTCAGCCATGACTCCTCCCTACCCGAGTTGAGGAATCAGAACCGGAGACTGTCATCAGTTTCCAGGCTCTATGCT  
CGGIGCCATCTGGCAAGCAGGCCAGCACATCAAGCAGCTTCTGGAGCTTCAGGAAATTATGAAATTAAGAAGAAACTTGTAGTCTAAAG  
GTGAGGATGCTGATTATCACTGGACCACCCAGGGCTCAGTCAACGCTCAGGAGATCATGAGAAATTCAGGAGT  
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AAGTGCAGAGTGTGTCCTCGTGAACGACACCTGATGAGAATGACCAAGTGGTGTGTCAGGAAATCAAGTGGACCCCTCAGTCAGGTTGCCAG  
AGAAAATTCTGACTCAGGAAAGCACCACAAAGAGACAGATTGCTTAACCAACAGATGGGCTGACCCCTATCAGAATCACAGCACAAAGT  
ACAGGCCACACAGGGCAGATGCCAAACCAAAGAGACAGATTGCTTAACCAACAGATGGGCTGACCCCTATCAGAATCACAGCACAAAGT  
100  
500  
1000  
1500  
2000

56Q 10μM: 4 (C+D)

CTGCCAGTGTTCGAGGACCAGCCACTTTGAACCTCTGTGAGATGATACTTTATGCTCTGAAATGATGACACCCAGCTTA  
CAACAACAAACAAACAAAAAGGGGGGGGGGGGGAAAGAGAAGAGCTCTGCACTTCCTTGTTGTTAGTCACAGTATAACAGATATTCAA  
TCTCTCTTAATATCCCCATAATGCCAGAAATTGCTTAATGATGCTTCACAAATTCAAAATAGATGCTCTCAAAATGTTAAATTGGA  
TCAGAATAATTACAGGAACATTAAATGTTAACCCATTAGCATAGAAAACCTCTCAGTTTACCTAACACTAACATGAGTACCTAAGGG  
AGGGCTGAATGGTGTGGCAGGGGTTAAACGTCATTACTCAACTACCTCAGGTATTCAGTAATAACAAAGCAGGAAATTGCTT  
TGAATTTATATACCTTATAATGATAGAAGTCCAACCGTTTTAAATAATTAAATTAAACAGCAATCAGCTAACAGGCAATTACGGG  
TACTCTGGCTGGTGTGACAGTAACGCTGGAAATTAAATTAAATTAAACAGCAATCAGCTAACAGGCAATTACGGG  
CACTGCCTAGTATCTGGAGAGCAGCACTACCACTTATTCATTATAGTGGGAAGTTTGACGGGTACTAACAAAGTGGCCAGGAGATTGG  
AACGGCTGGTTAAATGGCTCAGGAGACTTCAGTTTGTTAGCTACATGATGAACTCAATAAATGCTTGTGCTCTGACTATCAATACCTAA  
AGAAAGTGCATCAGTGGAGAGATCAGAAACTTCACGTTGACTGCAAGGAAAGCAACCTTACGTTAGCTTATAGGATGCTTAGTTGCACTACACTTCAG  
ACCAATGGGAGACTCATAGATGGTGTGACAGGGTTAAACGCAACAAAGGCTACATTCCATGGGCCAGCACTGCTCACTAACGTT  
GAAGAGATTAAAGCAAAAGATAGAGATAACAGAAAGTTTNGGATATAATTGAATGACTGTGAAACATATGACCTTGATAACGAGATT  
TTCTTGAAAAAAAGTCAAAGATAGAGATAACAGAAAGTTTNGGATATAATTGAATGACTGTGAAACATATGACCTTGATAACGAACTCAT  
TTGCTCACTCCTGACAGCAAGGCCAGTACTGACTAACATTGTTGGGGGGCTCCTCAAGGCCAGCTCTGAAATTGATTGACTTTGAGTTG  
GNTTGNAAGATGATCACAGNCATGTTACACTGAACTTAAAGGACATAATTAAACCCCTTAACCTTAAACAAATCCCTGCTCATTCTT  
ATTTCGATACAGACTAGATGCTCTTCTGAAAGATCAATTAGACATTNTGAAATGATTAAAGTGTGTTCTTAAAGGAAACAGTTCTTG  
TACTTTAACCAAAAGTGCCCTTTGTCACTGGTTCTCCTAGCATCAGTGTGTTCTGAAACAGTTCTTGAGATGTT  
GCTTCTGGTTGGATTCAAGTAAGATGCTTAAAGGCCAGAGCTTCTCAGTTTTCACACAAATGAAATGTTAAATGCTAAATCATGGACTG  
AGGAGCTGCATTAAACCTGCTGGTTAAATTGTCANATTCCACTTCTAGCCTTGTGTTCTGAAACAGTTCTTGAGATT  
ATTGGAGATCTGGTACTAGCTAAGAAATAATTCAATTGAGTTTGACTCNCCAAANATGGCTCATGNATAATGTINCCCCAATGCAG  
CTTCCTTCCAGANACCTGACGCCAGGATAATTTCATCATTTAGGTCCCCAAA

AAGGACGGTGCAGCCACGGCCAGTTACCCGGGACCATCAGCTGAATGGCCACC

AGTGGAGAACCTAGCCTGAAGGCTCTCATCCCCGATGAGCACAGGGACCTGAGAATGGGGCGTTGGCTCTGGGGTCAC  
GCCCGCCAGGCCTCACCTGTGGCAGGGGGCCAGCCAAGCAGCAGTGACATCCCCTGGCTCTGGCCACCCAGTATGGGGTACCA  
ATTATGCCAAGGAGGGCCACCATCCGCACACATCACAAACAGACCCAGTCCAAAGATAGAGCTGCATAGGAGGGAGGACGGAGCTGAGCTGAAAG  
CCATCAGTGCACTCCACCCCTGAGGCTGCTCTCGCTTGTAGAGTATCTGGAGATTATGCATAAGAGGCTAAGGACACCAAACGGCTGAGGA  
GGTTCCCTGAAAGATCCTGCCATAATAACTTGTAGGGGCTCTCATGGCAAGGAGGAGGACCTGAGAAGGCTAGGCAAGACAAA  
ATCACCATCTCCCTGGTGCAGACCTTACCTTACAACCCCTGAGAGGACCATCACTGTGAAGGGCCATGGAGAATTGTGTGAGGGCCAGGAGGAA  
TAATGAAGAAACTTGGGGAGGCTATGAGAATGATGATGCTGGCTCATGACTCTCACCTGATCCCTGGACTTAACTGGCTGCTCTAGGTCTTICCCAGC  
TTCACTCAGGGCACTCCGGCCCTCCAGCAGGTTACTGGGGCTGCTCCCTATAGGCTCTTATGGCAGCCTCCGGAGGAGTGGTGCAGGTGTT  
ATCCCCGGCCAGGCACTCATGGCAAGAAGGGCAGCACATCMACAGCTCTCCGGTTGCAAGGCCCTCCAGGCTCCGGAGGAAACTCAAGGAGGAA  
AACACCTGACTCCMANGTGTGTAGTTATCATCACTGGACCCGAGGGCCAAATCAAGGCTCAGGAGAATCTATGCCAAACTCAAGGAGGAA  
CTTCTTGGCTCCAGGAGGAAGTGAGCTGGAGCCACATACGTGTGCTGCCAGCAGTCAGGAGGCTCCATCAAGATTCACCCACCCG  
GAGTGCGAATTTGACGGCAGCTGAGGTGGTAGTACCAAGAGACAGGACCCCTGAGAAGACCCAGGTCATGGCAAGGAGTGGAAAGAACGGTGAAC  
CCAGGCCCCCTGCTCCCTTNGAGTCCAGGACACACACGGCAGAAATCGAGAGTGTGCTCTCCGGAGGCTGAGAATGAGGGAAATCAGGACATTTCTATG  
CAGGGGGGGCTGAGATCAGGTTGCCCACTTGATGAGGAAGATGTCCAGTCAAGGAACCCCTGATCTNTCAGCCCCAACACCCACCCAAATGGCC  
AACACTGTNTGCCCTGGGGTGTCAAGAAATNTAGCAGGACTTTAACGGATGTTAACAGAGCTCTCCAGGCCCCACCAAGGGGGAT  
CACACCTCAGTGGAAAGAAATAAATTTCCTTCAGGTTTAAA

SEQ ID NO: 5

KOC-3 nucleotide sequence (clone MNW32c) (EQ ID NO.: 6 )

SEQ ID NO: 6 (ctr)

KOC-2 (clone TNW22) SEQ ID NO: 7

CGGGTTAGGAGGGCTGGGGCTGCTCTGCCCTTGCCCTGCCACCCAGAGGGGGAGGGCAGTGTACAGTAGAGAAC	
TGTGAGCAACTGAAACCCGAGAGTGAGACGGCAGTGTGAATGTCACCTATTCCAAACGGGAGCAGGCCAAGCCATCATGAAGCTGAATGGCCACC	
AGTTGGAGAACCATGCCCTGAGGTCTCCATACATCCCCGATGACAGAATAGCACAGGACCTGAGAATGGGGCTTGCTCTGGGTCA	
GCCCCGCAGGGCTCACCTGTGCAGGGGGCCAGCCAAAGCAGCAGTCAGGAGCTGAGAATGGGGCTTGCTCTGGGTGCCCCAGCTATGTGGGTGCCCC	500
ATTATGGCAAGGGGGGACCATCCGCCAACATCACAAACAGACCCAGTCCAAGATAGACGCTGCAATAGGAAGGAAACCCAGGGCTGAGAAGGCTAAGGACACCAAAACGGCTGACCA	
CCATCACTGTGCACTCCACCCCTGAGGGCTGCTCTCCGTTGTAAGATGATCTTGGAGATTATGCAATAAGAGGCTAAGGACACCAAAACGGCTGACCA	
GGTTCCCTGAAAGATCCTGGCCCATAATAACTTTGAGGGCTCATGGCAAGGAAGGACGGAACTGAGAATGGGGCCATCGAGAAATGTTGCAAGGGGGCCAGGAGACAAAA	
ATCACCATTCTCTGTGCAAGACCTTACACCTTACAACCCGTGAGGAGGACCCATCACTGTGAGAATGGGGCTGCTCCCTATAGCTCCTTATGCAAGGAGGCTGAGGAGGAA	
TAATGAGAAAGTCTGGGAGGCTATGAGGAATGATGTGGCTGCCATGAGCTCTCACCTGATCCCTGGCTGAGGCTCTGTGAGGAGGCTGAGGAGGAA	
TTCATCCAGCGCAGTCCGGGCTCCAGCAGCGTTACTGGGCTGCTCCCTATAGCTCCTTATGCAAGGCTCCGAGCAGGAGATGGCAGGTGTT	
ATCCCCCCCAGGCCATCATCGGAAGAAGGGCACATCAAACAGCTCTCCGGTTGCCAGCGCCTCCATCAAGATGGCAGGAGGCTCCAGC	
AAACACCTGACTCCAAAGTTCGTATGGTATCATCACTGGACCCAGGGCCAACTCAAGGCTCAGGAAGAATCTATGCAAACTCAAGGAGGAA	
CTTCTTGGCTCCAAAGGAGAATGGGAGACATCAGCTCTCCGGTTGCCAGCGCCTCCATCAAGATGGCAGGAGGCTCCAGCAGGAGGAA	
GAGTGTGCAAGAATTGACGGCAGCTGAGGTGCTAGTACCAAGAGACCCAGAGGGCCAACTCAAGGCTCAGGAAGAATCTATGCAAACTCAAGGAGGAA	
CCAGTCAGATGGCTCAACGGAGATCCGGAGACATCCCTGGGCAAGGTTAACCGACCCAGCATCAGCAGCTGGGGGGTCATTGGCAAGGTGGAAAACGGTGAAC	
ACCAGCCCCCTCCCTGTCCTTINGAGTCCAGGACAACACGGGCGAGAAATCGAGAGCAGCCCTGATGAGAACGACCCAGGTCTCGTGAATCATCGGACATTCTATG	1500
CNTGGGGGGCTGTAGATCAGGTTGCCCACTTGATGAGAAGATGTTCACTGAGGAAACCCCTGATCTNTCAGCCCCAACACCCACCAATTGGCC	
AACACTGNTGCCCTCGGGGTGTCAGAAATTNTAGGCCAAGGCAACTTTAACGTGGATTGTTAAAGAACGCTCTCCAGGGCCCCACCAAGAGGGTGGAT	
CACACCTCAGTGGGAGAAAATAAAATTCTTCAGGTTAA	

KOC-3 alternatively spliced sequence (clone MNW10) (see in no. 8)

	GGCAGCGGGAGGGCAGGCCGGTACGGCCGGGCTCGGGGAAGAGCGGATGATGAAACAGCTTACATCGGGAACCTGA
	CTACCCCCGACCAGAAGTGGGCATCCGGGCCATCGAGACCCCTCTCGGTAAAGTGGAAATGCAATTGCTGATTACTCAGTCCTAA
	TGGAACAACTCAACACAGACACAGAAACCGCCGTGTCACGTCACATATGCAACAAGAGAAGCAAATAGCCATGGAGAAGCTAAGGGGCATCA
	GTTGAGGAACTACTCTCTCAAGATTCTACATCCCGATGAAGAGGTGAGGCTCCGGACTTTCGGTCAATTGGCTCAATATGGACAGTGGAGAATG
	GAGCAAGGCCACGCCCTGGGGCACTTCTCAGGCCAGACAGATGATTCCGCTGGATCCTGGTCCCACCCAGTTGGTGGCCATCATCGGAA
	AGGAGGGCTTGACCAATAAGAACATCACTAAGCAGAACCCAGTCCGGTAGGATATCCATAGAAAAGAGAACACTCTGGAGCTGAGAGAACGACTCTCCGG
	CCATGCCACCCCAGGGGACTCTGTAAGGCATGCCGATGATTCTGAAATCATGCCAGAAAGAGGGAGATGAGACCAAACTAGCCGAAGAGATTCCTG
	AAATCTGGCACACAAATGGCTGGTGGAAAGACTGATTGGAAAGAGAACATGAAAGAAATTGAAACAGGACCAAGATAACATCT
	CATCTTGCAGGATTGACCATATACACCCGAAGAACCATCACTGTGAAGGGCACAGTGTGAGGGCAGATTGAGAAGGAGATGAGATAGAGATTATGAAAGAA
	GCTGCGTGGAGGCCTTGTAAATGATATGCTGGCTGTAAACACCCACTCCGGATACTTCTCCAGCCTGTACCCCATCACCAGTTGGCCGTCCCGCAT
	CATCACTTTATCCAGAGCAGGAGATGTGAATCTCTCATCCCAACCCAGGGCTGTGGGCCATCATCGGAAGAAGGGGCACACATCAAACAGCTGG
	CGAGATTGGCGGGGCCTATCAAGATTGGCCCTGGGAAGGGCCAGACGTCAGGAAAGGATGGTCATCATCACGGGGCACCGGAAGGCCAGTTCAA
	GGCCCAGGGACGGATCTTGGAAACTGAAAGAGGAACATTCTTAACCCCAAAGAACGAGCTGGAAAGGCTGAGCTGGAAAGGCGATATCGCA
	GCTGGGGGTGATGGCAAAGGTGGCAAGACCGTGAACGAACTTCACCGAGTGGCAGAACTTCACCGGGCACCGGAAGGCCAGTTCAA
	ATGAGGAAGTGTCTGTCAGAAATTATCGGGCACTTCTTGCTACCCAGACTGGCACAGGGCAAGATCGGAAATGTGACACAGGTGAAGCAGGAGCA
	GAAATTACCCCTCAGGGACTCGCCTCACAGCGCAGCAAGTGGCTCCACACGCCACAGCAAAACACGGATGAACTAGCCCTTCCACACCTGACAGAA
	TGAGACCAAACGCCAGCCAGATCGGGAGCAACCAAAGACCATCTGAGGAATGAGAAGTCTGGGGAGGGGCCAGGGCTCTGCCAGGGCTTCAGGCATC
	ACCCCAAGGGCGAGGGAGGGGGGAAGGTGAGCCAGGTTGCCAGAACCCACGGAGCCAAACAGGATGAACTAGCCCTTCCACACCTGACAGAA
	CACTTCACCATCCACTCGGATCTCTCTGCTACCCAGCAGCTTCCACAGGGCTATCCCTTACTTGAACTAACATAGGTGAAACCGTGTCAAGGCCAAGCAGAAATGCA
	ACCCCTTTCTGTCGAATGTCCTCTGTACATGTTGACATATTAGAAAGGAAGATGTTAAGATATGTTGACAGGGCTGTGGGTTACACAGGGCCTGCA
500	
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1500	
2000	

Sequence: 8 (ctd)

CGGTTAATATTAGAAATAATACTCAACTAACCTCAATTATTAAATTTCCTTAAGAGAAAGCAGGCC  
TCTAGACTTAAAGAATAAGTCTGGAGGTCTCACGGTAGAGAGGGCTTGAGGCCACCCGACAAATCACCAGGGAAATCTCGTCGGA  
AGGACACTCACGGCAGTTCTGGATCACCGTGTATGTCACAGAGGATACCGTCTCCTGAGAGGAACACTCTGTCACTCCTCATGCCTGTCTAGCTC  
ATACACCCATTCTCTTGCCTCACAGGTTAACTGGTTTGCAACTGCTATAATTCTCTGTCTCTCTGTCTATCTCTCCCTCCCTCCCC  
TCCCCTCTCCATCTCCATCTTGAATTCTCATCCCTCACACTCCGTATCTACGGCACCCCCCCCAGGCCAACGAGTCAGTGCTCTGA  
GTATCACATCACAAAAGAACACACACACAAACCAGCCTCAACTCAACTTGTTACTCAAAAGAACAGAGTCATGGTACTTGCTCTAG  
CGTTTGGAGAGGAACACGGAAACCAACCAACCAATCAACCAACAAAGAAAAATTCCAATGAAAGAATGTTGCTTTCGCATT  
GGTGTATAACCCATCAATTCAGCAAATGATCCTCTTAAAGGGAAATGAGTAGAAATTACCAAGGTTGGCCAGGGCGTT  
AAATTCAACAGATTTTAAAGAGAAAACACACAGAGCTACCTCAGGTGTTTACCTCAGCACCTTGCTCTGTGTTCCCTAGAGATTTG  
AAAGCTGATAGTGGAGCATTTTATTTTTAATAAAATGAGTTGGAAAAAAATAAGATACTCAACTGCCAGCCTGGAGAAGGTGACAGTCCAAGT  
GTGCAACAGCTGTTCTGAATGCTCCGCTAGCCAAAGAACCNATATGCCCTCTTGGACAACCTGAAATGTTATT

3000

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